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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	10/622,898-Conf. #2827
		Filing Date	July 17, 2003
		First Named Inventor	Bradford Evan Gliner
		Art Unit	3762
		Examiner Name	C. H. Layno
Total Number of Pages in This Submission	13	Attorney Docket Number	337348059US

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard Cited References (69 enclosed)
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	PERKINS COIE LLP John M. Wechkin - 42,216
Signature	
Date	Aug. 10, 2004

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Dated: 8/10/04

Signature:

Melody Allmberg  
(Melody Allmberg)

Docket No.: 337348059US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Bradford Evan Gliner et al.

Application No.: 10/622,898

Confirmation No.: 2827

Filed: July 17, 2003

Art Unit: 3762

For: METHODS FOR TREATING ESSENTIAL  
TREMOR

Examiner: C. H. Layno

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A copy of each Foreign Patent and Non-Patent Reference on the PTO/SB/08 is attached.

08/13/2004 BSAYAS11 00000007 10622898

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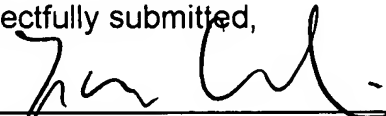
Application No.: 10/622,898

Docket No.: 337348059US

Our check in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 337348059US.

Dated: Aug 10, 2004

Respectfully submitted,

By 

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PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	10/622,898-Conf. #2827
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				Art Unit	3762
				Examiner Name	C. H. Layno
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-09/978,134		Gliner	
		US-2002-0028072	03-07-2002	Ritsuo Kashiya	
		US-2002-0055675	05-09-2002	Rodolfo Llinas	
		US-2002-0077670	06-20-2002	Stephen Archer	
		US-2002-0087201	07-04-2002	Andrew Firlik	
		US-2002-0099412	07-25-2002	David Fischell	
		US-2002-0169485	11-14-2002	Benjamin Pless	
		US-2003-0187490	10-02-2003	Bradford Gliner	
		US-2003-149457	08-07-2003	TCheng et al.	
		US-3,650,276	03-21-1972	Burghle et al.	
		US-4,140,133	02-20-1979	Kastrubin et al.	
		US-4,431,000	12-14-1984	Butler et al.	
		US-4,542,752	09-24-1985	ABEL DEHAAN	
		US-4,607,639	08-26-1986	EMIL A. TANAGHO	
		US-4,646,744	03-03-1987	IFOR D. CAPEL	
		US-4,844,075	07-04-1989	SAUL LISS	
		US-4,865,048	09-12-1989	HAROLD ECKERSON	
		US-5,002,053	03-26-1991	EDGAR GARCIA-RILL	
		US-5,031,618	07-16-1991	KEITH R. MULLETT	

Examiner Signature		Date Considered	
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		US-5,054,906	10-08-1991	WILLIAM G. LYONS	
		US-5,092,835	03-03-1992	JANET L. S. SCHURIG	
		US-5,143,089	09-01-1992	ECKHARD ALT	
		US-5,169,384	12-08-1992	STEPHEN L. BOSNIAK	
		US-5,215,086	06-01-1993	REESE S. TERRY	
		US-5,224,491	07-06-1993	RAHUL MEHRA	
		US-5,255,678	10-26-1993	ANTOINE DESLAURIERS	
		US-5,263,967	11-23-1993	WILLIAM G. LYONS	
		US-5,304,206	04-19-1994	ROSS G. BAKER	
		US-5,358,513	10-25-1994	JACK H. POWELL	
		US-5,370,672	12-06-1994	KIM R. FOWLER	
		US-5,411,540	05-02-1995	DAVID J. EDELL	
		US-5,417,719	05-23-1995	VINCENT W. HULL	
		US-5,423,864	06-13-1995	JAN LJUNGSTROEM	
		US-5,537,512	07-16-1996	YUKUN HSIA	
		US-5,540,736	07-30-1996	YECHIEL HAIMOVICH	
		US-5,549,655	08-27-1996	DONALD J. ERICKSON	
		US-5,575,813	11-19-1996	DAVID J. EDELL	
		US-5,591,216	01-07-1997	ROY L. TESTERMAN	
		US-5,593,432	01-14-1997	DONN YOUNCE	
		US-5,628,317	05-13-1997	WARREN STARKEBAUM	

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		US-5,683,422	11-04-1997	MARK T. RISE	
		US-5,702,429	12-30-1997	GARY W. KING	
		US-5,711,316	01-27-1998	DENNIS D. ELSBERRY	
		US-5,713,922	02-03-1998	GARY W. KING	
		US-5,713,923	02-03-1998	SCOTT R. WARD	
		US-5,716,377	02-10-1998	MARK T. RISE	
		US-5,722,401	03-03-1998	SUSAN M. PIETROSKI	
		US-5,735,814	04-07-1998	DENNIS D. ELSBERRY	
		US-5,752,979	05-19-1998	ALIM L. BENABID	
		US-5,782,798	07-21-1998	MARK T. RISE	
		US-5,792,186	08-11-1998	MARK T. RISE	
		US-5,797,970	08-25-1998	YVES POUVREAU	
		US-5,814,014	09-29-1998	DENNIS D. ELSBERRY	
		US-5,814,092	09-29-1998	GARY WILLIAM KING	
		US-5,824,021	10-20-1998	MARK T. RISE	
		US-5,832,932	11-10-1998	DENNIS D. ELSBERRY	
		US-5,833,709	11-10-1998	MARK T RISE	
		US-5,843,148	12-01-1998	JOHANNES T. M. GIJSBERS	
		US-5,843,150	12-01-1998	CHRIT W. DRESSEN	
		US-5,885,976	03-23-1999	REUVEN SANDYK	
		US-5,886,769	03-23-1999	A. J. ZOLTEN	

Examiner Signature		Date Considered	
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		US-5,893,883	04-13-1999	NATHAN A. TORGERSON	
		US-5,904,916	05-18-1999	ALAN R. HIRSCH	
		US-5,913,882	06-22-1999	GARY WILLIAM KING	
		US-5,925,070	07-20-1999	GARY W. KING	
		US-5,938,688	08-17-1999	NICHOLAS D. SCHIFF	
		US-5,938,689	08-17-1999	ROBERT E. FISCHHELL	
		US-5,941,906	08-24-1999	FRANCISCO J. BARRERAS	
		US-5,964,794	10-12-1999	ARMIN BOLZ	
		US-5,975,085	11-02-1999	MARK T. RISE	
		US-5,978,702	11-02-1999	SCOTT R. WARD	
		US-5,983,140	11-09-1999	BRIAN T. SMITH	
		US-6,006,124	12-21-1999	ROBERT E. FISCHHELL	
		US-6,011,996	01-04-2000	FRANS L. H. GIELEN	
		US-6,016,449	01-18-2000	ROBERT E. FISCHHELL	
		US-6,018,682	01-25-2000	MARK T. RISE	
		US-6,021,352	02-01-2000	MARK A. CHRISTOPHERSON	
		US-6,026,326	02-15-2000	GUST H. BARDY	
		US-6,042,579	03-28-2000	DENNIS D. ELSEBERRY	
		US-6,052,624	04-18-2000	CARLA M. MANN	
		US-6,055,456	04-25-2000	MARTIN THEODORE GERBER	
		US-6,057,847	05-02-2000	BARRY JENKINS	

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		US-6,058,331	05-02-2000	GARY W. KING	
		US-6,060,048	05-09-2000	BRUCE D. CHERKSEY	
		US-6,061,593	05-09-2000	ROBERT E. FISCHHELL	
		US-6,066,163	05-23-2000	MICHAEL S. JOHN	
		US-6,104,956	08-15-2000	DEAN K. NARITOKU	
		US-6,104,960	08-15-2000	VICTOR DUYSSENS	
		US-6,122,548	09-19-2000	WARREN STARKEBAUM	
		US-6,126,657	10-03-2000	STUART D. EDWARDS	
		US-6,128,537	10-03-2000	MARK T. RISE	
		US-6,128,538	10-03-2000	ROBERT E. FISCHHELL	
		US-6,134,474	10-17-2000	Robert Fischell	
		US-6,152,143	11-28-2000	STUART D. EDWARDS	
		US-6,161,045	12-12-2000	ROBERT E. FISCHHELL	
		US-6,353,754	03-05-2002	David Fischell	
		US-6,354,299	03-12-2002	David Frischell	
		US-6,360,122	03-19-2002	Robert Fischell	
		US-6,366,813	04-02-2002	DiLorenzo	
		US-6,427,086	07-30-2002	Robert Fischell	
		US-6,459,936	12-27-2001	Robert Fischell	
		US-6,463,328	10/08/2002	Sasha John	
		US-6,466,822	10-15-2002	Benjamin Pless	

Examiner Signature		Date Considered	
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		US-6,473,639	10-29-2002	David Fischell	
		US-6,480,743	11-12-2002	Bruce Kirkpatrick	
		US-6,622,048	09-16-2003	Carla Mann	
		US-60/325,872		Sheffield	
		US-60/325,978		Gliner	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		WO 01/97906	12-27-2001	Advanced Bionics Corp		
		WO 02/09811	02-07-2002	Neuropace, Inc.		
		WO 02/36003	05-10-2002	Neuropace, Inc.		
		WO 02/38031	05-16-2002	Neuropace, Inc.		
		WO 02/38217	05-16-2002	Neuropace, Inc.		
		WO 03/043690	05-30-2003	Vertis Neuroscience, Inc.		
		WO 03/082402	03-26-2003	Vertis Neuroscience, Inc.		
		WO 87/07511	12-17-1987	Zion Educational Foundation		
		WO 94/07564	04-14-1994	Cardiac Pacemakers, Inc.		
		WO 95/21591	08-17-1995	University of Iowa Research Foundation		
		WO 98/06342	02-19-1998	Neotonus, Inc.		
		EP-0 998 958 Ac	10-05-2000	Medtronic Inc.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*\*CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
		BEL, S. and BAUER, B.L., "Dorsal Column Stimulation (DCS): Cost to Benefit Analysis," Acta Neurochirurgica, Suppl. 52, pp. 121-123 (1991)		
		BENABID, A.L. et al, "Chronic electrical stimulation of the ventralis intermedius nucleus of the thalamus as a treatment of movement disorders," J. Neurosurg., April 1997, 86(4); 737; <a href="http://www.ncbi.nlm.nih.gov">http://www.ncbi.nlm.nih.gov</a> ; [accessed 11/18/2003]		
		BUTEFISCH et al., "Mechanisms of use-dependent plasticity in the human motor cortex," Proc. Natl. Acad. Sci. USA, Vol. 97, No. 7, pp. 3661-3665 (March 2000)		
		CANAVERO, S. and PAOLOTTI, R., "Extradural Motor Cortex Stimulation afor Advanced Parkinson's Disease: Case Report," Movement Disorders, 15(1):169-171,2000		
		CINCOTTA et al., "Reorganization of the motor cortex in a patient with congenital hemiparesis and mirror movements," Neurology, Vol. 55, pp. 129-131 (2000)		
		CLASSEN, et al., "Rapid Plasticity of Human Cortical Movement Representation Induced by Practice," The Journal of Neurophysiology, Vol. 79, No. 2, pp. 1117-1123 (February 1998)		
		COHEN et al., "Studies of Neuroplasticity With Transcranial Magnetic Stimulation," The Journal of Clinical Neurophysiology, Vol. 15, No. 4 (1998)		
		CRAMER, S.C. and BASTINGS, E.P., "Mapping clinically relevant plasticity after stroke," Neuropharmacology Vol. 19, No. 5, pp. 842-851 (April 2000)		
		DAM et al., "Effects of Fluoxetine and Maprotiline on Functional Recovery in Poststroke Hemiplegic Patients Undergoing Rehabilitation Therapy," Stroke, Vol. 27, No. 7, pp. 1211-1214 (July 1996)		
		FEYS et al., "Value of somatosensory and motor evoked potentials in predicting arm recovery after a stroke," (October 1999)		
		FRANZINI et al., "Reversal of thalamic hand syndrome by long-term motor cortex stimulation," Journal of Neurosurgery 93:873-875 (2000)		
		GLADSTONE et al., "Enhancing Recovery after Stroke with Noradrenergic Pharmacotherapy: A New Frontier?," Can J. Neurol. Sci., Vol. 27, No. 2 (May 2000)		
		GORDON et al., "Parameters for direct cortical electrical stimulation in the human: histopathologic confirmation," Electroencephalography and clinical Neurophysiology, Vol. 75, pp. 371-377 (1990)		
		HODGE, JR., C.J. and BOAKYE, M., "Biological Plasticity: The Future of Science in Neurosurgery," Neurosurgery, Vol. 48, No. 1 (January 2001)		
		International Search Report for Application No. PCT/US02/07077; Applicant: Vertis Neuroscience, Inc., October 22, 2002, 7 pgs.		
		International Search Report for Application No. PCT/US02/32695; Applicant: Vertis Neuroscience, Inc.; December 27, 2002; 9 pgs; European Patent Office		
		KAUHANEN et al., "Domans and Determinants of Quality of Life After Stroke Caused by Brian Infarction," Arch. Phys. Med. Rehabil., Vol. 81, pp. 1541-1546 (December 2000)		

Examiner Signature		Date Considered	
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				Examiner Name	C. H. Layno
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	KOPELL et al., "The Continuing Evolution of Psychiatric Neurosurgery," CNS Spectrums, Vol. 5, No. 10, pp. 20-31 (October 2000)	
	LEVY et al., "Functional MRI Evidence of Cortical Reorganization in Upper-Limb Stroke Hemiplegia Treated with Constraint-Induced Movement Therapy," American Journal of Physical Medicine & Rehabilitation, Vol. 80, No. 1, pp. 4-7 (2001)	
	LIEPERT et al., "Treatment-Induced Cortical Reorganization After Stroke in Humans," Stroke, 31:1210-1216 (2000)	
	MALENKA, R.C. and NICOLL, R.A., "Long-Term Potentiation - A Decade of Progress?," Neuroscience, Vol. 285, No. 5435, Issue of 17 September 1999, pp. 1870-1874	
	MARTINEZ et al., "Motor hand recovery after stroke Prognostic yield of early transcranial magnetic stimulation," Electromyography, Clin. Neurophysiology, Vol. 39, pp. 405-410 (1999)	
	NETZ et al., "Reorganization of motor output in the non-affected hemisphere after stroke," Brain, 120, pp. 1579-1586 (1997)	
	NITSCHKE, M.A. and PAULUS, W., "Excitability changes induced in the human motor cortex by weak transcranial direct current stimulation," The Journal of Physiology, Vol. 527.3, pp. 663-639 (2000)	
	OLIVERI et al., "Paired transcranial magnetic stimulation protocols reveal a pattern of inhibition and facilitation in the human parietal cortex," The Journal of Physiology, 529.2, pp. 461-468 (2000)	
	PASCUAL-LEONE et al., "Study and Modulation of Human Cortical Excitability With Transcranial Magnetic Stimulation," Journal of Clinical Neurophysiology, Vol. 15, No. 4 (1998)	
	PASCUAL-LEONE et al., "Transcranial magnetic stimulation and neuroplasticity," Neurophysiologia 37, pp. 207-217 (1999)	
	REZAI, "Neurostimulation," Neurological Research, Vol. 22, No. 3 pp. 235-273 (April 2000)	
	ROSSI et al., "Effects of Repetitive Transcranial Magnetic Stimulation on Movement-related Cortical Activity in Humans," Cerebral Cortex, Vol. 10, No. 8, pp. 802-808 (August 2000)	
	ROUX et al., "Chronic Motor Cortex Stimulation for Phantom Limb Pain: A Functional Magnetic Resonance Imaging Study: Technical Cast Report," Neurosurgery, Vol. 49, No. 3 (March 2001)	
	SAITOU et al., "Cerebral Blood Volume and Oxygenation Among Poststroke Hemiplegic Patients: Effects of 13 Rehabilitation Tasks Measured by Near-Infrared Spectroscopy," Arch. Phys. Med. Rehabil., Vol. 81 pp. 1348-1356 (October 2000)	
	SANDKUHLER, "Learning and memory in pain pathways," Pain 88, pp. 113-118 (2000)	
	SANES, "The Relation between Human Brain Activity and Hand Movements," NeuroImage 11, pp. 370-374 (2000)	
	SANES, J. and DONOGHUE, J.P., "Plasticity and Primary Motor Cortex," Annual Review of Neuroscience 23:393-415 (2000)	
	SANES, J.N. and DONOGHUE, J.P., "Plasticity and Primary Motor Cortex," Annu. Rev. Neurosci. 23:393-415 (2000)	
	SCHIFF et al., "A neuromodulation strategy for rational therapy of complex brain injury states," Neurological Research, Vol. 22 pp. 267-272 (April 2000)	

Examiner Signature		Date Considered	
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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/622,898-Conf. #2827
				Filing Date	July 17, 2003
				First Named Inventor	Bradford E. Gliner
				Art Unit	3762
				Examiner Name	C. H. Layno
Sheet	9	of	10	Attorney Docket Number	337348059US

	SHIMIZU et al., "Therapeutic efficacy of transcranial magnetic stimulation for hereditary spinocerebellar degeneration," Tohoku Journal of Experimental Medicine, 189(3):203-11 (November 1999)	
	SIEBNER et al., "Lasting cortical activation after repetitive TMS of the motor cortex," NEUROLOGY 54, ####pp. 956-963 (February 2000)###	
	STEFAN et al., "Induction of plasticity in the human motor cortex by paired associative stimulation," Brain, 123, pp. 572-584 (2000)	
	STEFAN et al., "Introduction of plasticity in the human motor cortex by paired associative stimulation," Brian, Vol. 123, No. 3, pp. 575-584 (March 2000)	
	TURTON et al., "Contralateral and ipsilateral EMG responses to transcranial magnetic stimulation during recovery of arm and hand function after stroke," Electroencephalography and Clinical Neurophysiology 101 pp. 316-328 (1996)	
	TURTON, A. and LEMON, R.N., "The contribution of fast corticospinal input to the voluntary activation of proximal muscles in normal subjects and in stroke patients," Exp. Brain Res., Vol. 129, pp. 559-572 (1999)	
	VAN DER LEE et al., "The Intra- and Interrater Reliability of the Action Research Arm Test: A Practical Test of Upper Extremity Function in Patients With Stroke," Arch. Phys. Med. Rehabil., Vol. 82 pp. 14-19 (January 2001)	
	WALKER-BATSON et al., "Amphetamine Paired With Physical Therapy Accelerates Motor Recovery After Stroke," Stroke, Vol. 26, No. 12, pp. 2254-2259 (1995)	
	ZIEMANN et al., "Modulation of Plasticity in Human Motor Cortex after Forearm Ischemic Nerve Block," The Journal of Neuroscience 18(3):1115-1123 (February 1998)	
	ZIEMANN et al., "Modulation of Plasticity in Human Motor Cortex after Forearm Ischemic Nerve Block," The Journal of Neuroscience, Vol. 18, No. 3, pp. 1115-1123 (February 1998)	
	International Search Report for PCT/US03/39077; May 2004; Applicant: Northstar Neuroscience, Inc. (3 pgs)	
	International Search Report for PCT/US03/03678; July 2003; Applicant: Northstar Neuroscience, Inc. (4 pgs)	
	International Search Report for PCT/US03/39078; May 2004; Applicant: Northstar Neuroscience, Inc.	
	International Search Report for PCT/US02/31112; December 2002; Applicant: Vertis Neuroscience, Inc. (3 pgs)	
	International Search Report for PCT/US02/31127; July 2003; Applicant: Vertis Neuroscience, Inc. (3 pgs)	
	International Search Report for PCT/US02/31128; September 2002; Applicant: Vertis Neuroscience, Inc. (3 pgs)	
	Written Opinion for PCT/US02/31128; September 2002; Applicant: Vertis Neuroscience, Inc. (6 pgs)	
	Written Opinion for PCT/US03/03678; December 2003; Applicant: Northstar Neuroscience, Inc. (4 pgs)	
	Written Opinion for PCT/US02/32695; June 2003; Applicant: Vertis Neuroscience, Inc. (2 pgs)	

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		Written Opinion for PCT/US02/31127; May 2003; Applicant: Vertis Neuroscience, Inc. (2 pgs)	
		Written Opinion for PCT/US02/31112; August 2003; Applicant: Vertis Neuroscience, Inc. (5 pgs)	
		Written Opinion for PCT/US02/07077; July 2003; Applicant: Vertis Neuroscience, Inc. (4 pgs)	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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